

Fig.1

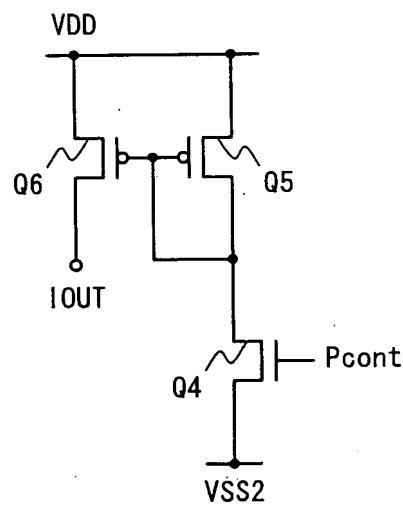


Fig.2

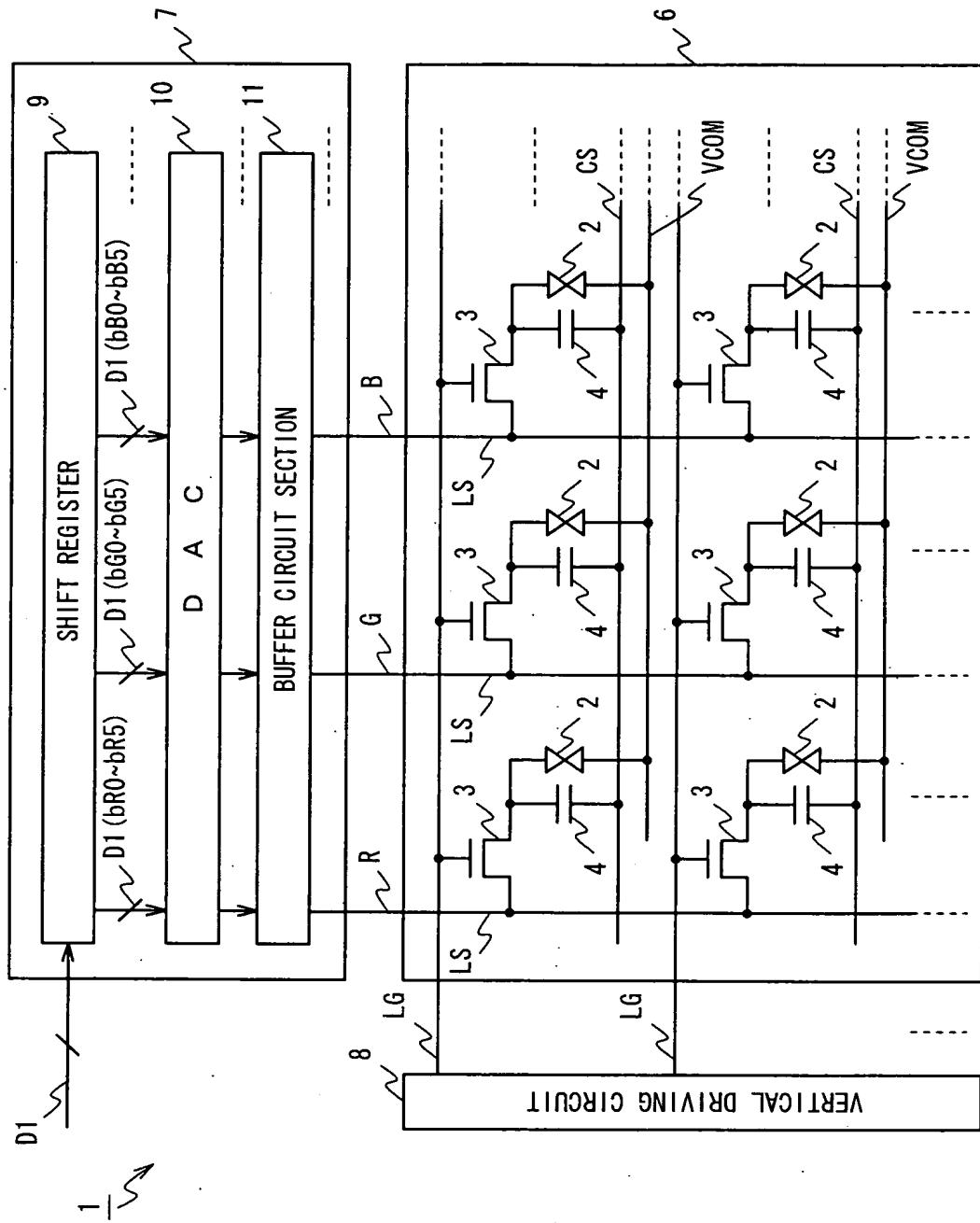


Fig. 3

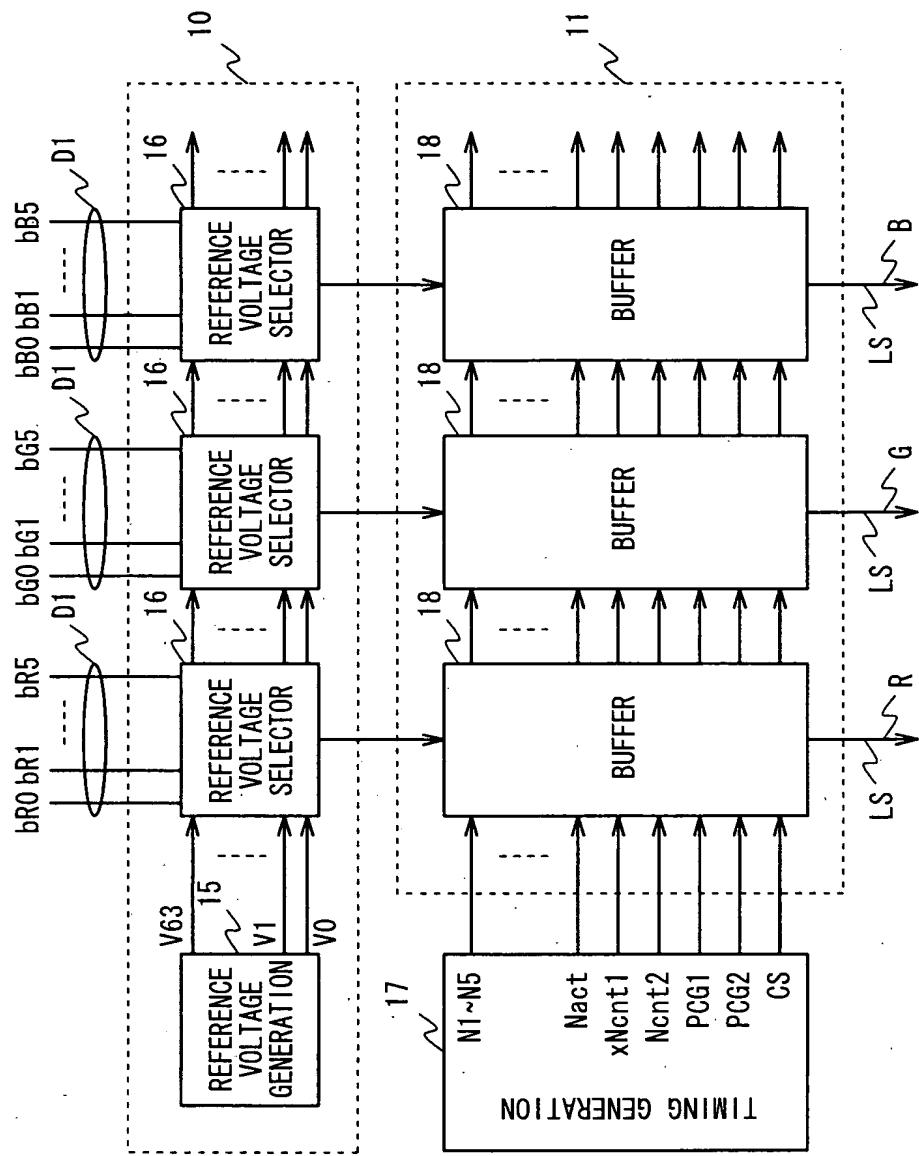


Fig.4

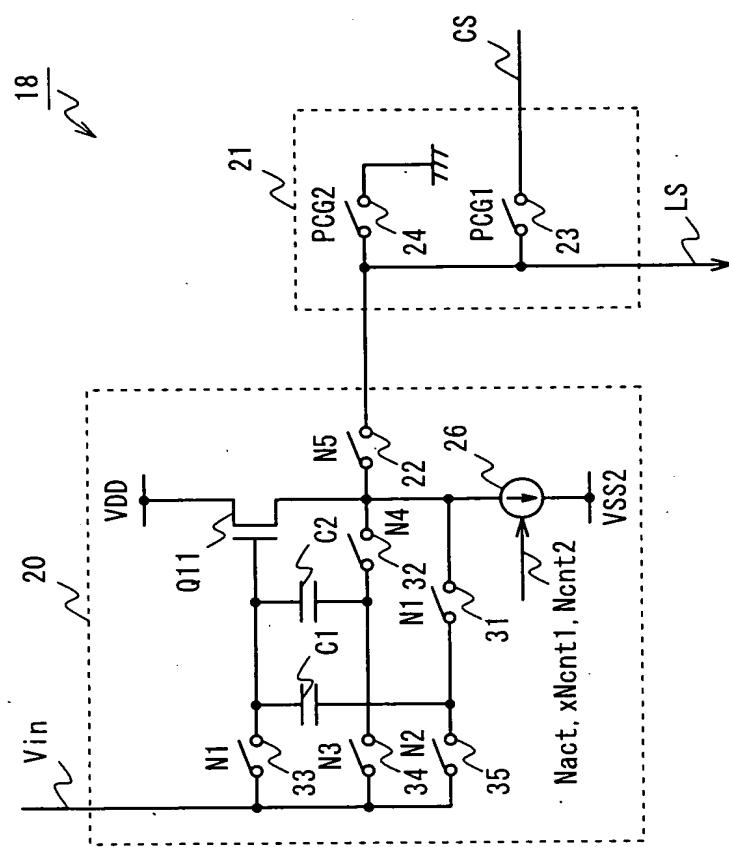


Fig.5

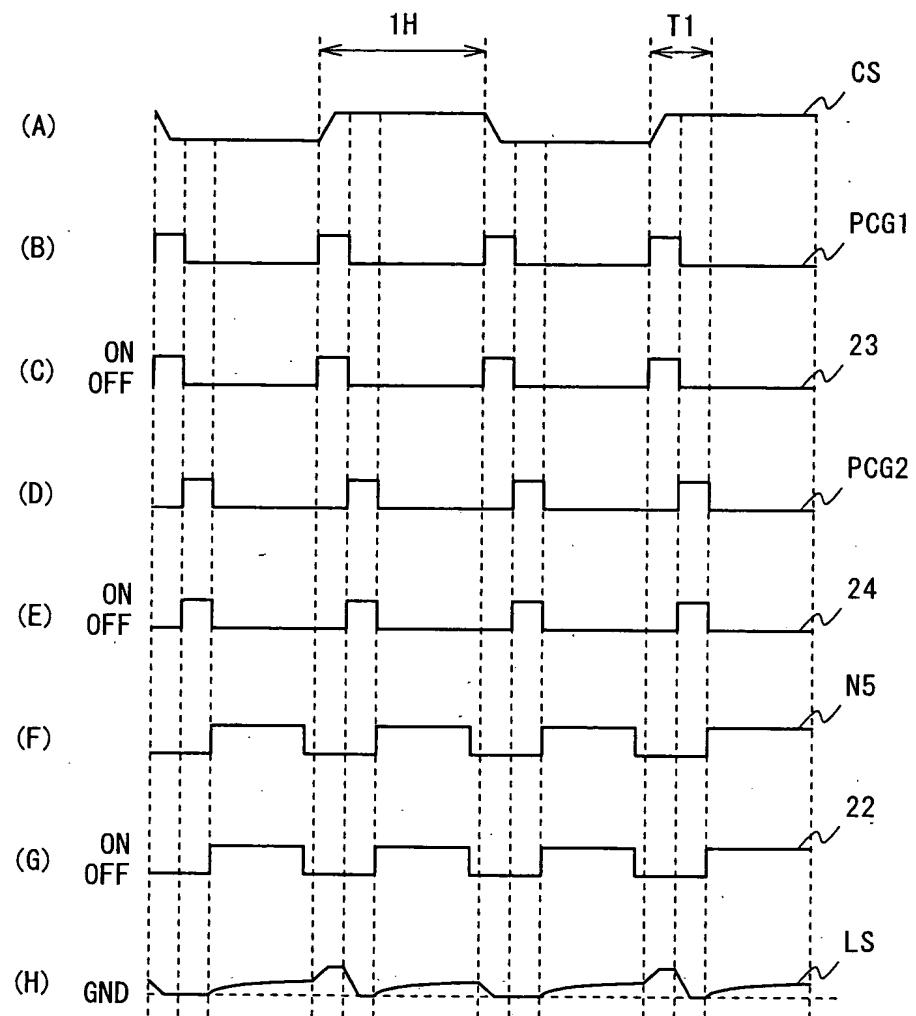


Fig.6

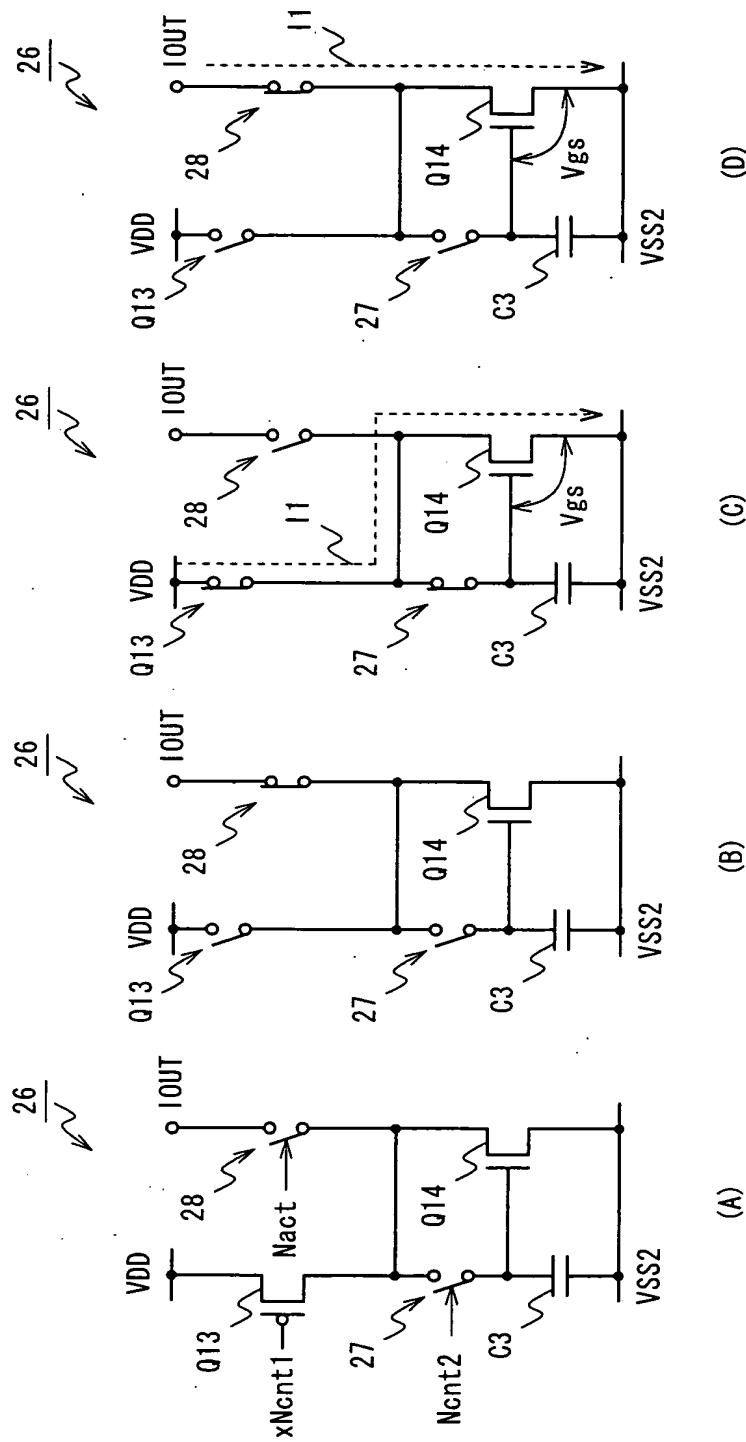


Fig.7

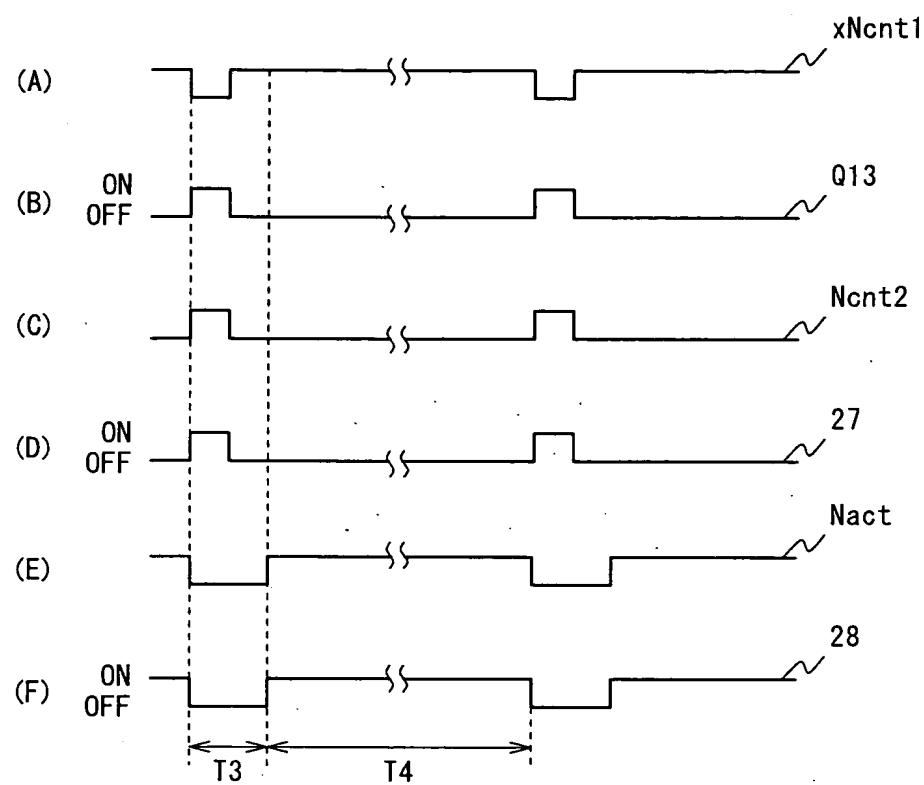


Fig.8

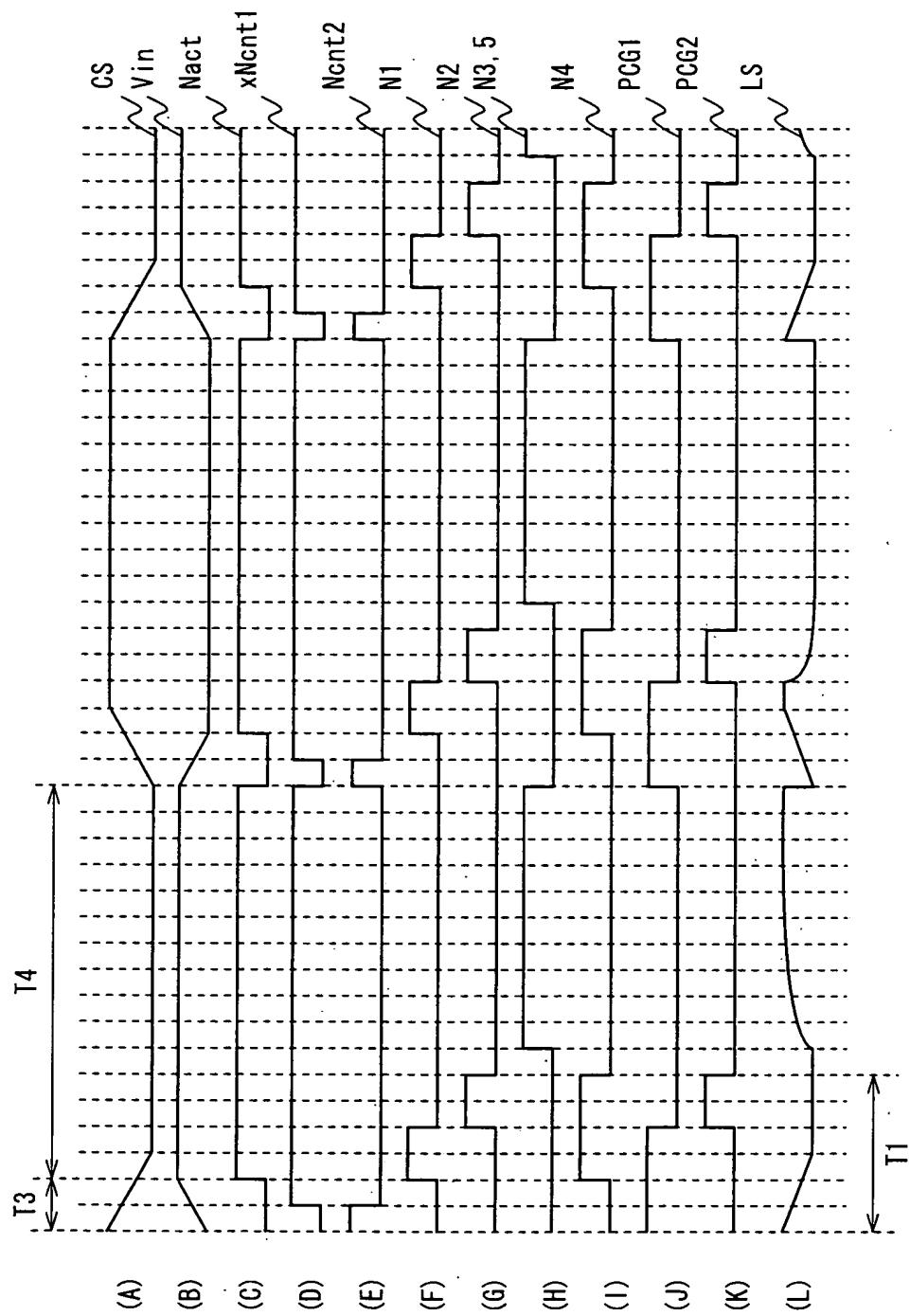


Fig.9

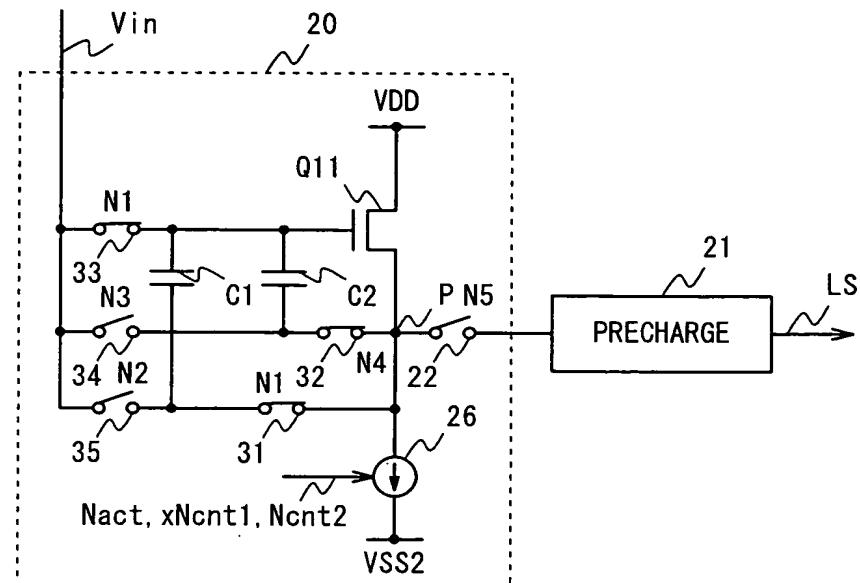


Fig.10

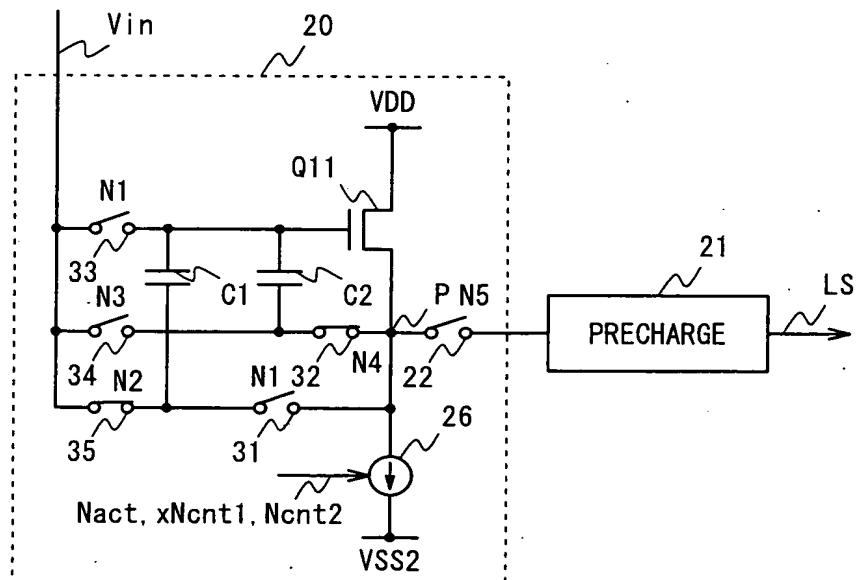


Fig.11

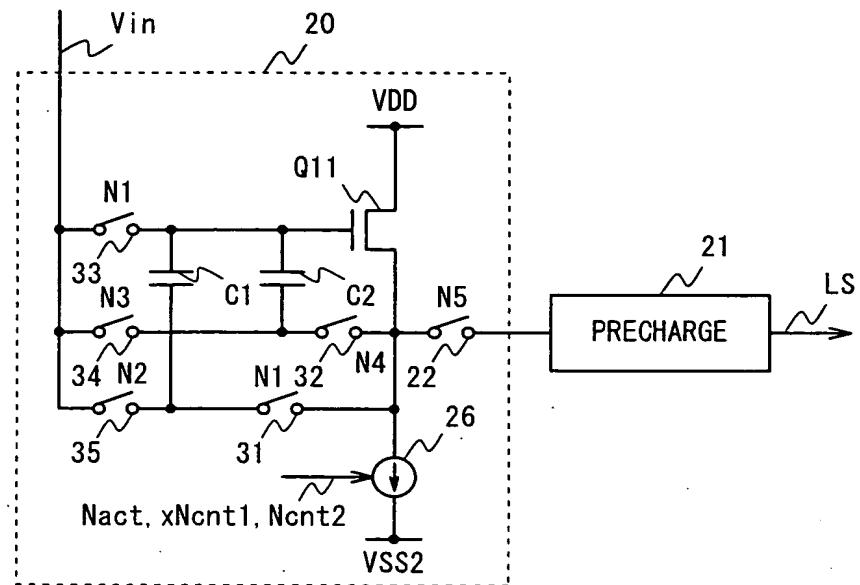


Fig.12

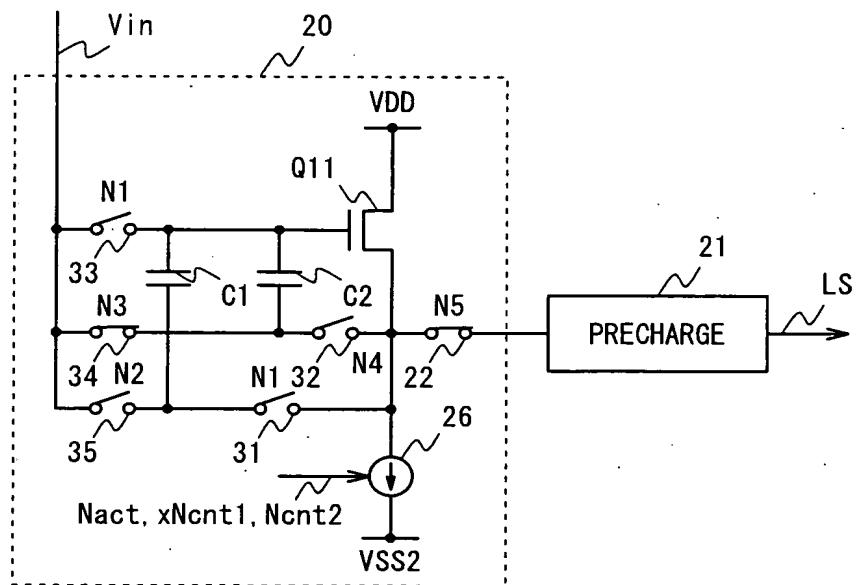


Fig.13

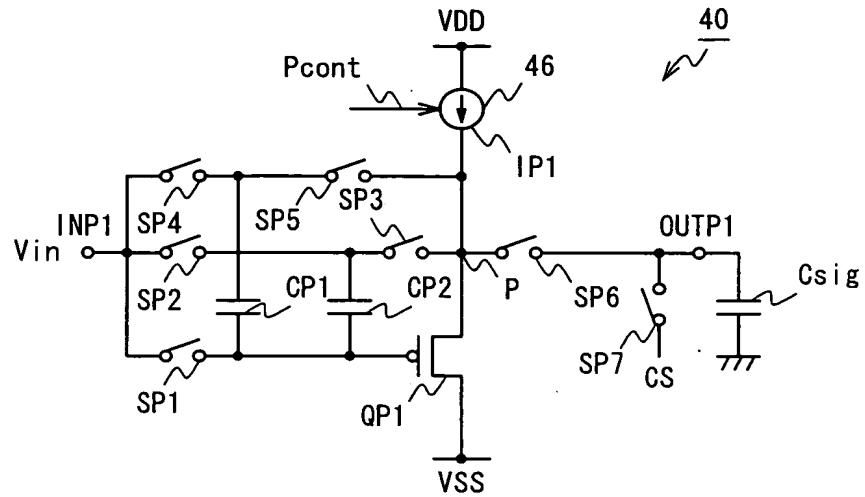


Fig.14

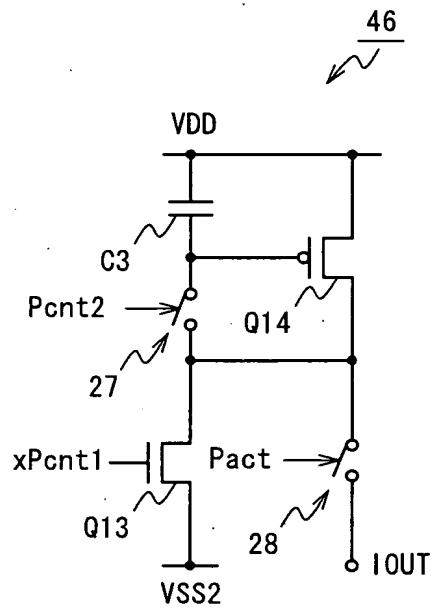


Fig.15

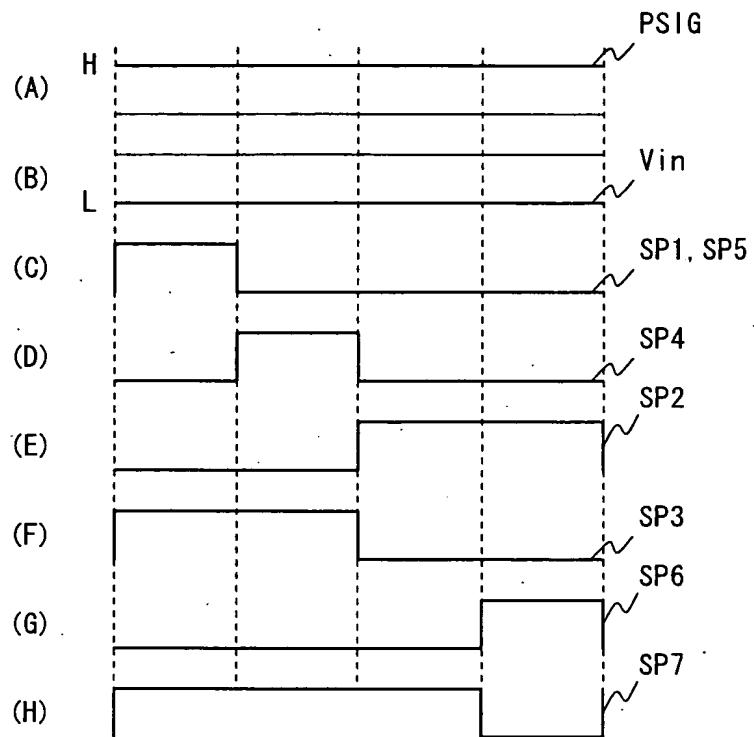


Fig.16

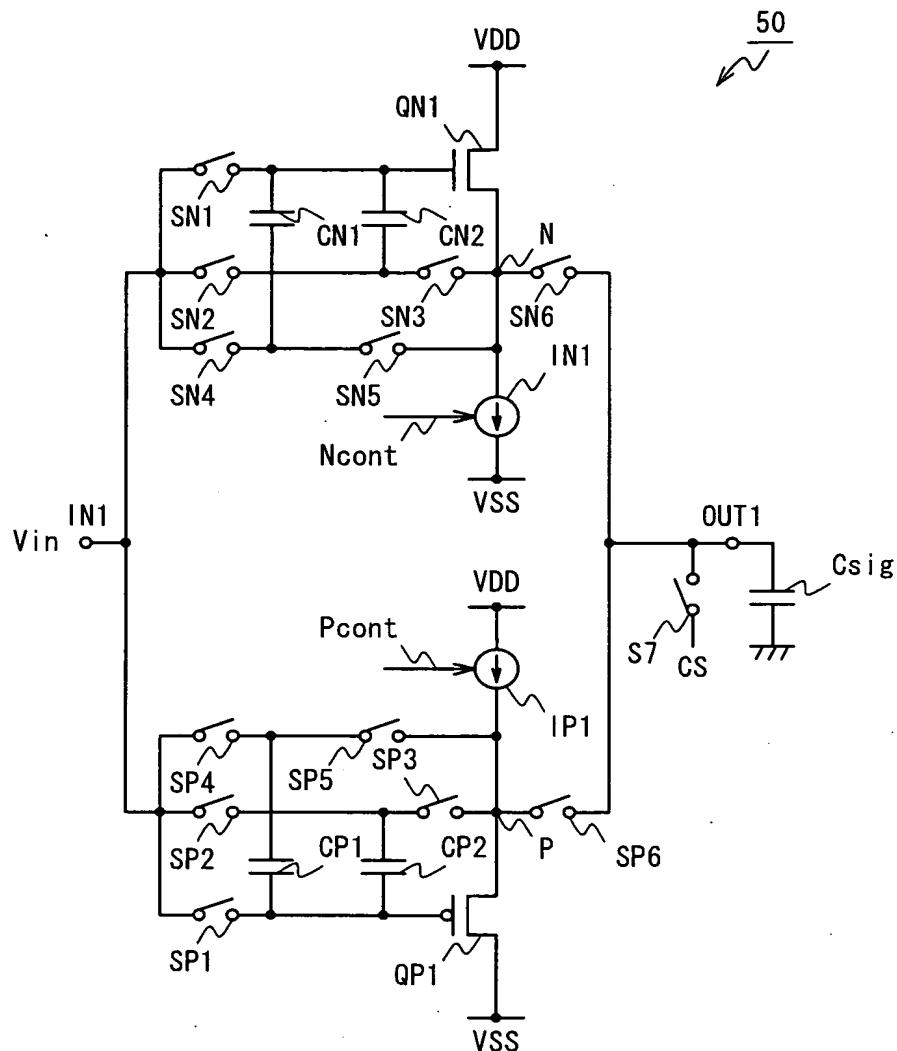


Fig.17

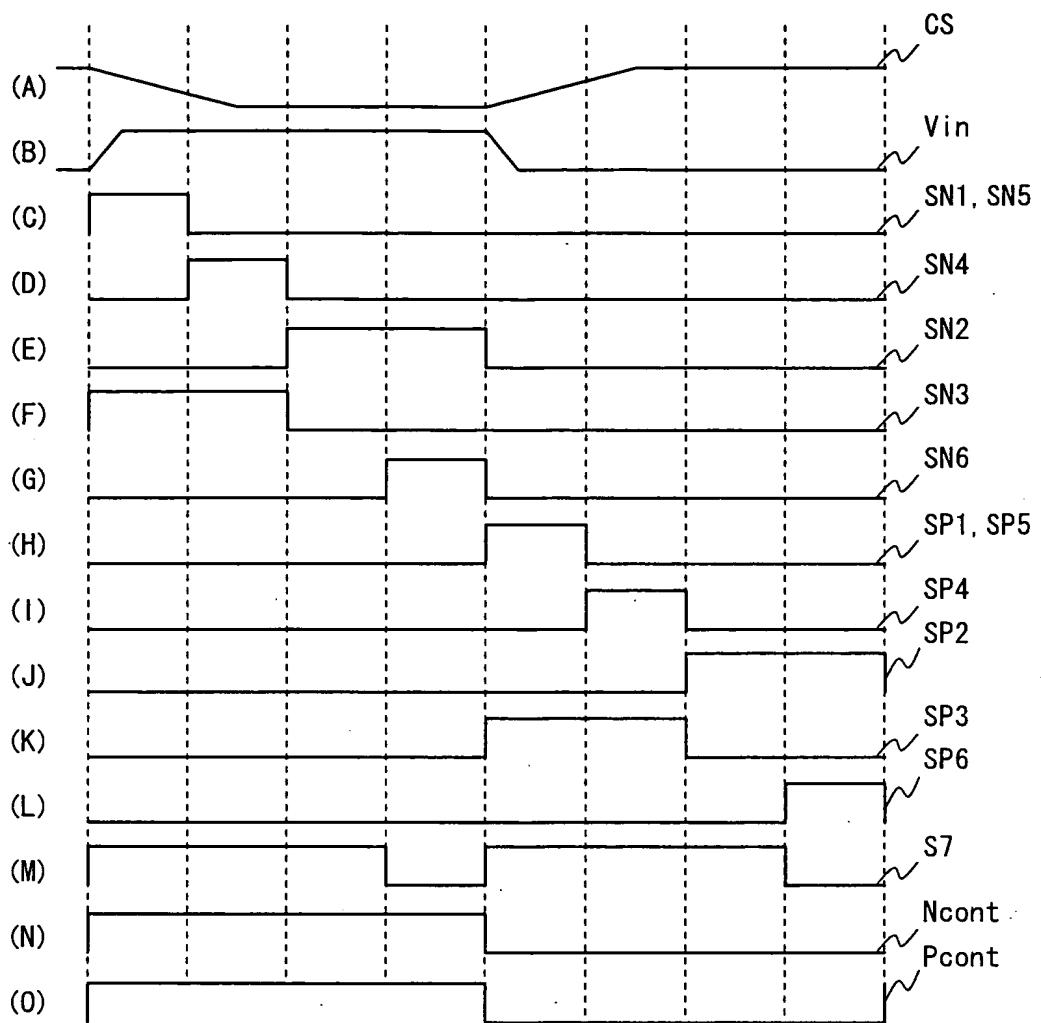


Fig.18

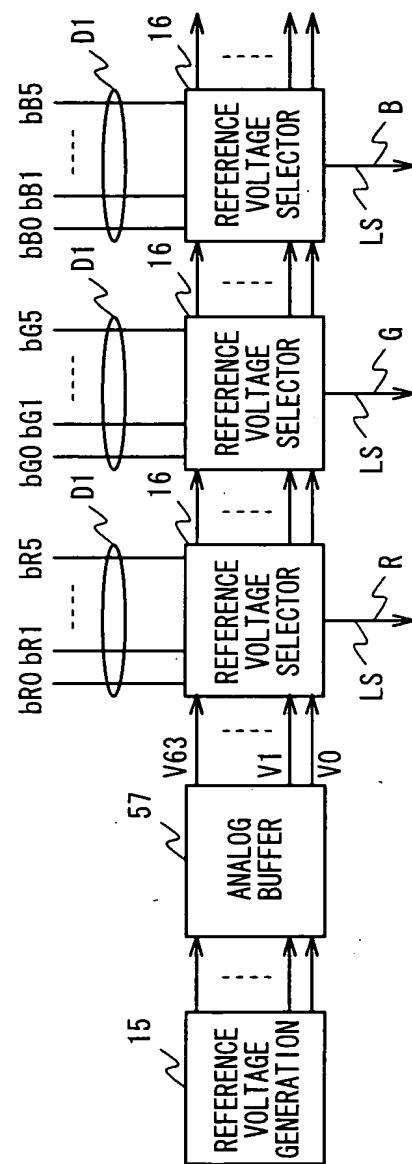


Fig. 19

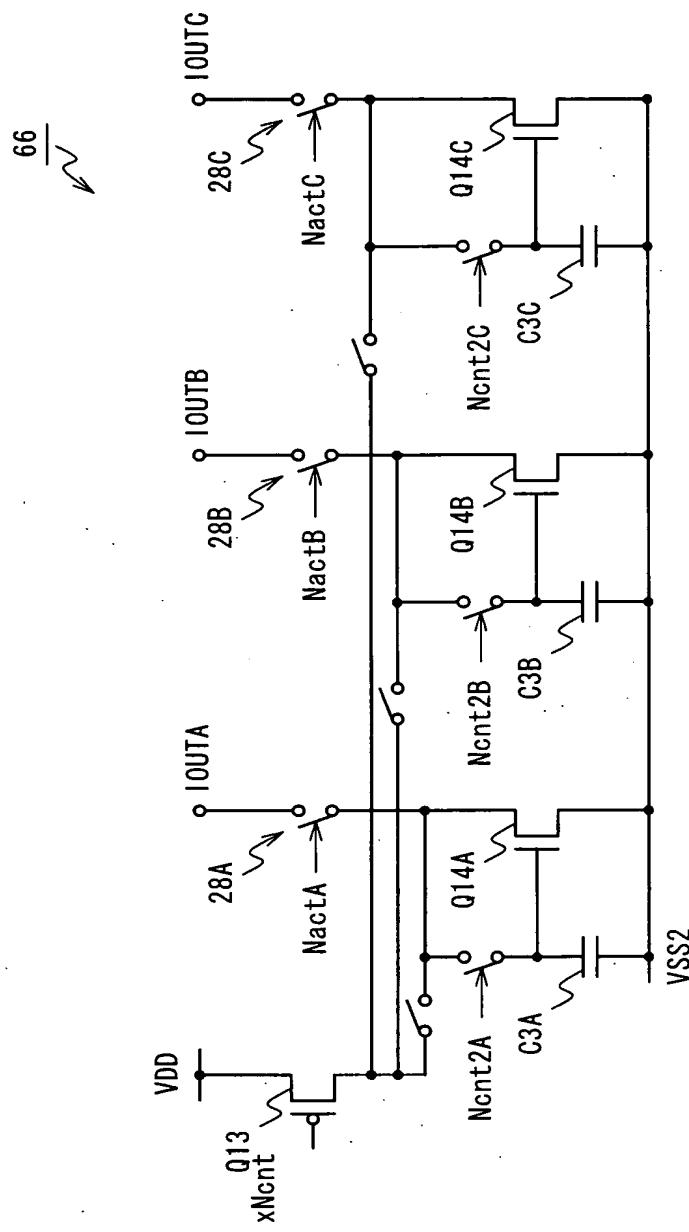


Fig.20

Description of Reference Numerals

1.....liquid crystal display device, 2.....liquid crystal cell, 3,Q1
to Q14C.....transistor, 4.....storage capacitor, 6.....display
section, 7.....horizontal driving circuit, 8.....vertical driving
circuit, 9.....shifter register, 10.....digital-to-analog
conversion circuit, 11.....buffer circuit section,
15.....reference voltage generation circuit, 16.....reference
voltage selector, 17.....timing generation circuit, 18.....buffer
circuit, 20,40,50,57.....analog buffer circuits, 21.....precharge
circuit, 22,23,24,27,28,31 to 35.....switch circuits,
26,46,66.....constant current circuits, C1 to C3, C3A to
C3C.....capacitors